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JINBEI TR-RVII

JINBEI TR-RVII 3.5mm Flash Receiver User Manual

Model: TR-RVII

1. INTRODUCTION

The JINBEI TR-RVII is a 2.4GHz wireless flash receiver designed to trigger compatible flashes equipped with a 3.5mm trigger jack. This device enables remote control of your flash units, offering enhanced flexibility and convenience in various photographic setups. It features a built-in lithium battery and supports USB-C charging.

2. PRODUCT OVERVIEW

Familiarize yourself with the components and features of your TR-RVII receiver.





Figure 2.1: Front view of the JINBEI TR-RVII Flash Receiver, showing the channel switches and power button.

Type-C charging port supports fast charging



Figure 2.2: Labeled components of the TR-RVII receiver, indicating the Status Indicator, Channel Adjustment Switch, and Power button.

Key Components:

- **Status Indicator:** Displays the operational status of the receiver.
- **Channel Adjustment Switch:** A set of four DIP switches used to set the communication channel.
- **Power Button:** Used to turn the receiver on or off.
- **3.5mm Sync Plug:** Connects to the flash unit's trigger jack.
- **USB-C Charging Port:** For charging the internal battery.

3. SETUP

3.1 Channel Setting

The TR-RVII receiver uses a 4-position DIP switch for channel selection. To ensure proper communication, the channel setting on the receiver must match the channel setting on your JINBEI flash inducer or transmitter.

Type-C charging port supports fast charging



Figure 3.1: Illustration of the channel switch and its settings. 'ON' indicates '0', and 'OFF' (not ON) indicates '1'.

Refer to the table below for channel configuration:

Channel	Switch 1	Switch 2	Switch 3	Switch 4
1	ON (0)	ON (0)	ON (0)	ON (0)
2	OFF (1)	ON (0)	ON (0)	ON (0)
...
16	OFF (1)	OFF (1)	OFF (1)	OFF (1)

Note: Ensure the channel settings on both the receiver and the transmitter are identical for successful communication.

3.2 Connecting to a Flash Unit

The TR-RVII receiver connects to your flash unit via its 3.5mm sync plug.

1. Locate the 3.5mm trigger jack on your flash unit.
2. Insert the 3.5mm sync plug of the TR-RVII receiver firmly into the flash unit's trigger jack.



Can be used with all flashes with 3.5mm sync socket

Figure 3.2: The TR-RVII receiver connected to a flash unit via its 3.5mm sync plug.

4. OPERATING INSTRUCTIONS

4.1 Powering On/Off

- **To Power On:** Press and hold the Power button until the Status Indicator illuminates.
- **To Power Off:** Press and hold the Power button until the Status Indicator turns off.

4.2 Pairing and Triggering

Once the receiver is connected to your flash and both the receiver and your JINBEI transmitter (e.g., TR-RV) are set to the same channel, they will automatically pair. The receiver is now ready to trigger the flash remotely.



Status Indicator

Channel Adjustment Switch

Power button

Channel	1	2
0	0	0
1	1	0
2	0	1
3	1	1

Description of the channel switch

1. When the switch is "ON", it is indicated by "0".
2. If the switch is not on "ON", it is indicated by "1".
3. Turn the channel switch of the flash inducer and receiver to the same position to link them.

Figure 4.1: The TR-RVII receiver being used in conjunction with a wireless transmitter for remote flash triggering.



Figure 4.2: The TR-RVII offers a remote control distance of up to 100 meters (39 inches), providing ample range for various shooting scenarios.

5. CHARGING

The TR-RVII receiver is equipped with a built-in 400mAh lithium battery, allowing for extended use. It supports USB-C charging.

- Connect a USB-C cable to the charging port on the receiver.
- Connect the other end of the USB-C cable to a compatible USB power source (e.g., power bank, wall adapter).
- The Status Indicator will show the charging status.
- The receiver can be used while charging.



Used with wireless transmitters and receivers

Offer flexibility and convenience



Figure 5.1: The USB-C charging port on the TR-RVII receiver, supporting fast charging.

6. COMPATIBILITY

The JINBEI TR-RVII receiver is compatible with most hot shoe flashes and all ISO hot shoe flashes that feature a 3.5mm trigger jack. This includes specific JINBEI models such as the JINBEI Hi-5 and can be adapted to various JINBEI induced flashes like the TR-V6II.

7. SPECIFICATIONS

Technical specifications for the JINBEI TR-RVII Flash Receiver:

Feature	Detail
Model Number	TR-RVII
Wireless Frequency	2.4GHz
Max Sync Speed	1/250s

Feature	Detail
Range	Up to 100m (39 inches)
Battery	Built-in 3.7V 400mAh 1.48Wh Li-ion
Charging Input	DC 5V / 1A Max (USB-C)
Item Weight	3.52 ounces
Package Dimensions	4.53 x 3.35 x 2.17 inches

8. WHAT'S IN THE BOX

Upon opening your JINBEI TR-RVII package, you should find the following items:

- TR-RVII Trigger *1

9. TROUBLESHOOTING

If you encounter issues with your TR-RVII receiver, consider the following common solutions:

- **Receiver not powering on:** Ensure the battery is charged. Connect the receiver to a USB-C power source.
- **Flash not triggering:**
 - Verify that the receiver is powered on.
 - Check that the 3.5mm sync plug is securely connected to the flash unit.
 - Confirm that the channel settings on both the TR-RVII receiver and your JINBEI transmitter are identical.
 - Ensure the flash unit itself is powered on and functioning correctly.
- **Limited range:** Ensure there are no significant obstructions between the transmitter and receiver. Avoid operating in environments with strong 2.4GHz interference.

10. MAINTENANCE

To ensure the longevity and optimal performance of your JINBEI TR-RVII receiver, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the receiver. Avoid using harsh chemicals or abrasive materials.
- **Storage:** Store the receiver in a cool, dry place away from direct sunlight and extreme temperatures.
- **Battery Care:** If storing for an extended period, ensure the battery is partially charged (around 50%) to prolong its lifespan. Avoid fully discharging the battery for long periods.
- **Protection:** Protect the 3.5mm sync plug and USB-C port from dust and moisture when not in use.

11. WARRANTY AND SUPPORT

For warranty information or technical support regarding your JINBEI TR-RVII Flash Receiver, please refer to the warranty card included with your product or contact JINBEI customer service directly. Contact details can typically be found on the official JINBEI website or through your point of purchase.

